

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
UC083.001CP2APPLICATION NO.  
09/866,538**RECEIVED**

SEP 23 2002

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Tsien *et al.*

TECH CENTER 1600/2

FILING DATE  
May 24, 2001GROUP  
1645

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
CMK	1.	5,625,048	04/29/97	Tsien <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
CMK	2.	WO 96/23810	08/08/96	PCT			YES	NO

EXAMINER  
INITIAL

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

CMK	3.	Baird <i>et al.</i> , "Circular Permutation and Receptor Insertion within Green Fluorescent Proteins" <i>Proc. Natl. Acad. Sci. USA</i> 96:11241-11246 (1999)
	4.	BD Biosciences/Clontech, Product literature, "Living Colors DsRed C-Terminal Fusion Vector" <i>CLONTECHniques</i> , pg. 22, (January 2000)
	5.	BD Biosciences/Clontech, Product literature, "Living Colors Red Fluorescent Protein" <i>CLONTECHniques</i> , Vol. XIV, No.4 pgs. 2-6, (October 1999)
	6.	BD Biosciences/Clontech, Product literature, "Mercury DsRed1 Signaling Probes" <i>CLONTECHniques</i> , pgs. 22 & 23, (April 2000)
	7.	Heim <i>et al.</i> , "Improved Green Fluorescence" <i>Nature</i> , 373:663-664, 1995
	8.	Heim <i>et al.</i> , "Wavelength Mutations and Posttranslational Autoxidation of Green Fluorescent Protein", <i>Proc. Natl. Acad. Sci. USA</i> , 91:12501-12504, 1994
	9.	Lauf <i>et al.</i> , "Expression of Fluorescently Tagged Connexins: A Novel Approach to Rescue Function of Oligomeric DsRed-Tagged Proteins" <i>FEBS Lett.</i> , 498:11-15 [May 10, 2001]
	10.	Lukyanov <i>et al.</i> , "Natural Animal Coloration Can Be Determined by a Nonfluorescent Green Fluorescent Protein Homolog" <i>J. Biol. Chem.</i> , 275:25879-25882, 2000
	11.	Miyawaki and Tsien, "Monitoring Protein Conformations and Interactions by Fluorescence Resonance Energy Transfer Between Mutants of Green Fluorescent Protein" <i>Methods Enzymol., Application of Chimeras in Cell Physiology</i> , 327:472-500 (2000)
	12.	Miyawaki <i>et al.</i> , "Dynamic and Quantitative Ca <sup>2+</sup> Measurements Using Improved Cameleons" <i>Proc. Natl. Acad. Sci., USA</i> , 96:2135-2140, 1999
CMK	13.	Prasher <i>et al.</i> , "Summary Structure of the Aequorea Victoria Green-Fluorescent Protein" <i>Gene</i> , 111:229-233 (1992)

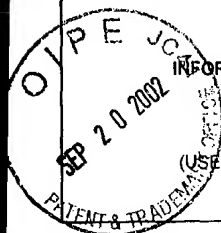
EXAMINER

DATE CONSIDERED

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. UC083.001CP2	APPLICATION NO. 09/866,538
	APPLICANT Tsien <i>et al.</i>	
	FILING DATE May 24, 2001	GROUP 1645

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
CMK	14. Roth, "Purification & Protease Susceptibility of the Green-Fluorescent Protein of Aequorea with a Note on Hlistaura" Thesis from the Graduate Program in Biochemistry from Rutgers, the State University of New Jersey (1985)
	15. Wall <i>et al.</i> , "The Structural Basis for Red Fluorescence in the Tetrameric GFP Homolog DsRed" <i>Nature Struct. Biol.</i> , 7:1133-1138 [2000]
	16. Wiehler <i>et al.</i> , "Mutants of Discosoma Red Fluorescent Protein with a GFP-like Chromophore" <i>FEBS Letters</i> 487: 384-389 (2001)
CMK	17. Yarbrough <i>et al.</i> , "Refined Crystal Structure of DsRed, a Red Fluorescent Protein from Coral, at 2.0 -Å Resolution" <i>Proc. Natl. Acad. Sci. USA</i> , 98:462-467 [2001]

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EXAMINER <i>Blitz</i>	DATE CONSIDERED <i>5/25/03</i>
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